The National workshop on R programming for Students and Researchers is intended to give rigorous training program on Statistics using R for Advanced M.Sc. Students and PhD researchers who are extensively involved in interdisciplinary research activities. The five days program will deal with application of modern statistical tools and techniques using R to the problems arising from different areas of applied sciences. Applicants having background e.g. Ecology, Biology, Environmental Sciences etc. will be given training on Statistical methods during the first three days. The applicants having background of mathematics and statistics will be given training on advanced statistical and programming techniques using R.

### Registration

Filled in Registration Form should reach to the workshop committee on or before 10th May, 2015 at

r.aeru.wshop@gmail.com  

Registration form can be downloaded from http://www.isical.ac.in/ in the Announcement Section or requesting by email.

### Topics to be Covered

- Introduction to R Programming  
- Statistics Refresher  
- Data Visualization with R  
- Regression and Data Analysis  
- Mathematical Modeling using R  
- Advanced Modeling Techniques  
- Multivariate Techniques  
- Advanced Graphics options in R  
- Writing own programs in R  
- Practical Data Analysis Problems

### Registration Fees

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Scholars/Students</td>
<td>Rs. 1500/-</td>
</tr>
<tr>
<td>Assistant Professor/ Postdocs</td>
<td>Rs. 1500/-</td>
</tr>
<tr>
<td>Industry Personnel</td>
<td>Rs. 2000/-</td>
</tr>
</tbody>
</table>

Limited number of partial travel grant available

### Speakers

- Arnab Chakraborty, ISI Kolkata  
- Saurabh Ghosh, ISI Kolkata  
- Indranil Mukhopadhyay, ISI Kolkata  
- Sabysachi Bhattacharya, ISI Kolkata  
- Amiya Ranjan Bhowmick, ICT Mumbai  
- Sourav Rana, Visva Bharati University

### Venue

Room - NAB-1 and NAB-2, Kolmogorov Building  
Indian Statistical Institute, Kolkata  
203 B. T. Road, Kolkata – 700108

### Contacts

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